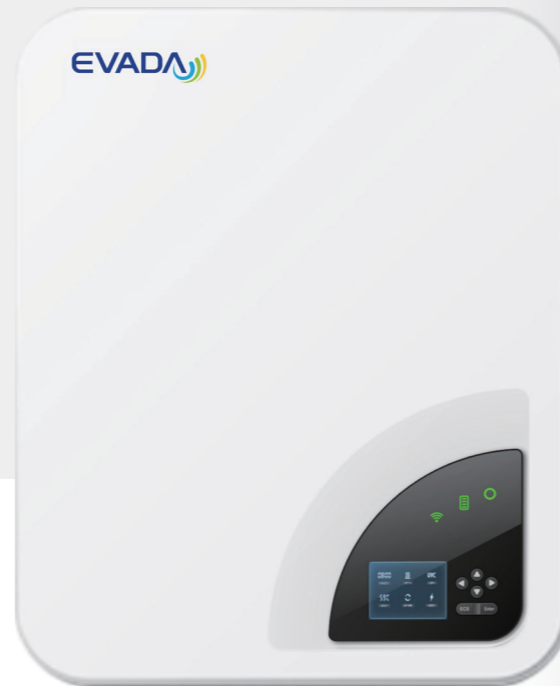


eLite Pro Series On&Off Grid Solar Inverter

eLite Pro Series works with solar panels and batteries to form an energy storage system. It can be used to optimize self-consumption and store the excess power in the battery. Multiple working modes to meet users' needs, featuring backup mode to ensure the stable power supply when utility failed.



Features

User Friendly

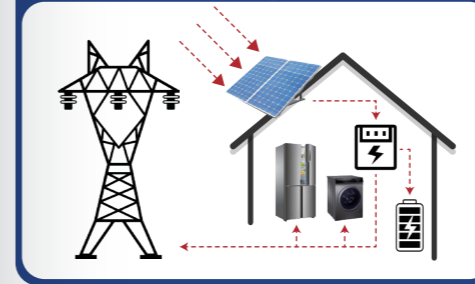
- Compact and light weight design for easy installation
- IP65 rated, natural cooling convection, maintenance-free and reduces acoustic noise, suitable for use in various outdoor environment
- Built-in dual loop integrated MPPT charger
- Multiple working modes for various applications
- LCD status display provides real-time information readouts

Comprehensive Function

- Anti-islanding protection and anti-countercurrent design
- Battery reverse polarity protection
- Enables multiple ways of protection and fault detection to ensure the safety of the equipment
- Advanced BMS allows configuration of charge and discharge time
- Supports multiple ways of monitoring

Working Modes

Self-consumption Mode



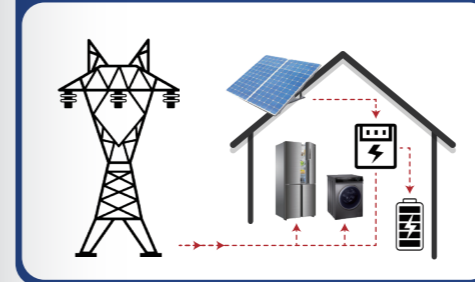
When solar power is sufficient:

The inverter always prioritizes the solar production to power loads and then uses the excess solar production to recharge the battery. If there is still more energy being produced, it will flow into the utility grid.

When solar power is insufficient:

The battery starts to discharge and supply loads until it's empty then the grid will start to power the loads.

Force Time Mode



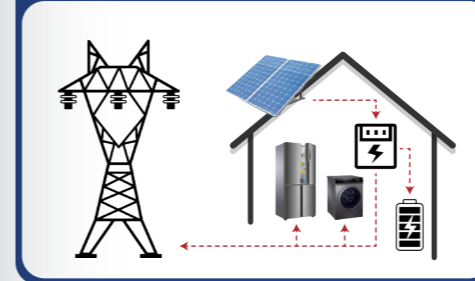
When charging:

The inverter prioritizes the solar production to recharge the battery. User need to configure the start time and the end time when using the AC CHG function otherwise the battery can only be recharged by the solar power.

When discharging:

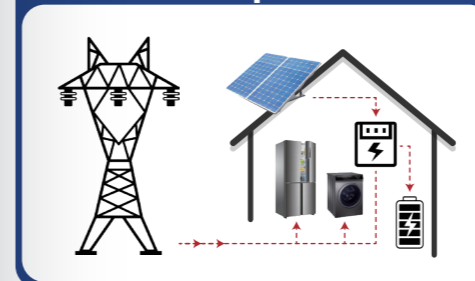
Allows to configure the start time, the end time and the SOC of the battery, and battery will discharge to the grid.

Feed In Mode



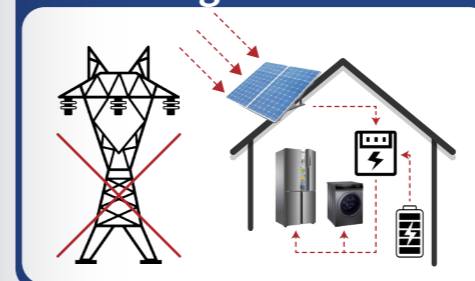
When the solar array is producing more energy than the AC loads has consumed, the inverter is able to feed excess power produced back in the utility grid.

Back Up Mode



The inverter will force battery charging from PV power and grid power within the setting time and the battery will not discharge when connected with the grid.

Off-grid Mode



Using excess solar to charge the battery and power the loads without a grid-connection.